

Serial Number: 09/424,840

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TECH CENTER 1600/2000

- Changed a file from non-ASCII to ASCII
- Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- Edited a format error in the Current Application Data section, specifically:
- Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____.
- Added the mandatory heading and subheadings for "Current Application Data".
- Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- Changed the spelling of a mandatory field (the headings or subheadings), specifically:
- Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
- Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
- Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- Inserted colons after headings/subheadings. Headings edited included:
- Deleted extra, invalid, headings used by an applicant, specifically:
- Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as _____.
- Inserted mandatory headings, specifically:
- Corrected an obvious error in the response, specifically:
- Edited identifiers where upper case is used but lower case is required, or vice versa.
- Corrected an error in the Number of Sequences field, specifically:
- A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- Other:

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/424,840

DATE: 07/06/2000
TIME: 20:03:59

Input Set : A:\Pto.amc
Output Set: N:\CRF3\07062000\I424840.raw

3 <110> APPLICANT: BERTHOLD, Peter
 4 ESCHER, Robert F.A.
 6 <120> TITLE OF INVENTION: Anti-GPIIB/IIIA Recombinant Antibodies
 8 <130> FILE REFERENCE: 100564-09049
 10 <140> CURRENT APPLICATION NUMBER: US 09/424,840
 11 <141> CURRENT FILING DATE: 1999-12-03
 13 <150> PRIOR APPLICATION NUMBER: DE 19723904.8
 14 <151> PRIOR FILING DATE: 1997-06-06
 16 <150> PRIOR APPLICATION NUMBER: DE 19755227.7
 17 <151> PRIOR FILING DATE: 1997-12-12
 19 <150> PRIOR APPLICATION NUMBER: DE 19820663.1
 20 <151> PRIOR FILING DATE: 1998-05-08
 22 <160> NUMBER OF SEQ ID NOS: 127
 24 <170> SOFTWARE: PatentIn Ver. 2.1
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 357
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Homo sapiens
 31 <220> FEATURE:
 32 <221> NAME/KEY: CDS
 33 <222> LOCATION: (1)..(357)
 35 <400> SEQUENCE: 1
 36 cag gtg aaa ctg ctc gag tcg ggc cca gga ctg gtg aag cct tcg gag 48
 37 Gln Val Lys Leu Leu Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
 38 5 10 15
 40 acc ctg tcc ctc aac tgc act gtc tct ggt cgc tcc atc agt ggt tac 96
 41 Thr Leu Ser Leu Asn Cys Thr Val Ser Gly Arg Ser Ile Ser Gly Tyr
 42 20 25 30
 44 tct tgg aga tgg atc cgg cag tct cca ggg aag gga cta gag tgg att 144
 45 Ser Trp Arg Trp Ile Arg Gln Ser Pro Gly Lys Glu Trp Ile
 46 35 40 45
 48 ggg gat atc tct tat agt ggg agt acc aag tac aaa ccc tcc ctc agg 192
 49 Gly Asp Ile Ser Tyr Ser Gly Ser Thr Lys Tyr Lys Pro Ser Leu Arg
 50 50 55 60
 53 agt cga gtc acc ctg tca gta gac acg tcc aag aac cag ttc tcc ctg 240
 54 Ser Arg Val Thr Leu Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
 55 65 70 75 80
 57 aag ctg aat tcg gtg acc gct gcg gac acg gcc gtc tat tac tgt gcg 288
 58 Lys Leu Asn Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
 59 85 90 95
 61 cga gtc ttg ccc ttt gac ccg atc tcg atg gac gtc tgg ggc aaa ggg 336
 62 Arg Val Leu Pro Phe Asp Pro Ile Ser Met Asp Val Trp Gly Lys Gly
 63 100 105 110
 65 acc aeg gtc acc gtc tcc tca
 66 Thr Thr Val Thr Val Ser Ser
 67 115
 70 <210> SEQ ID NO: 2

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 PATENT APPLICATION: US/09/424,840 TIME: 20:03:59

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71 <211> LENGTH: 119
72 <212> TYPE: PRT
73 <213> ORGANISM: Homo sapiens
75 <400> SEQUENCE: 2
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77   1           5           10          15
79 Thr Leu Ser Leu Asn Cys Thr Val Ser Gly Arg Ser Ile Ser Gly Tyr
80     20          25          30
82 Ser Trp Arg Trp Ile Arg Gln Ser Pro Gly Lys Gly Leu Glu Trp Ile
83     35          40          45
85 Gly Asp Ile Ser Tyr Ser Gly Ser Thr Lys Tyr Lys Pro Ser Leu Arg
86     50          55          60
88 Ser Arg Val Thr Leu Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
89     65          70          75          80
91 Lys Leu Asn Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
92     85          90          95
94 Arg Val Leu Pro Phe Asp Pro Ile Ser Met Asp Val Trp Gly Lys Gly
95     100         105         110
97 Thr Thr Val Thr Val Ser Ser
98     115
102 <210> SEQ ID NO: 3
103 <211> LENGTH: 333
105 <212> TYPE: DNA
106 <213> ORGANISM: Homo sapiens
108 <220> FEATURE:
109 <221> NAME/KEY: CDS
110 <222> LOCATION: (1)..(333)
112 <400> SEQUENCE: 3
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114 Val Val Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly Gln Trp Val
115   1           5           10          15
117 acc atc tct tgt tct ggg agc agc tcc aac atc aga agt aat cct gtt      96
118 Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Arg Ser Asn Pro Val
119     20          25          30
121 agc tgg tat cac cag gtc cca ggc acg gcc ccc aaa ctc ctc atc ttt      144
122 Ser Trp Tyr His Gln Val Pro Gly Thr Ala Pro Lys Leu Leu Ile Phe
123     35          40          45
125 ggt agt cat cag cgg ccc tca ggg gtc cct gac cga ttc tct ggc tcc      192
126 Gly Ser His Gln Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser
127     50          55          60
129 aag tcg ggc acc tcc gcc tcc ctg gcc atc cgt ggg ctc caa tct ggg      240
130 Lys Ser Gly Thr Ser Ala Ser Leu Ala Ile Arg Gly Leu Gln Ser Gly
131   65          70          75          80
133 gat gct ggt gac tat tac tgt gca aca tgg gat gac ggc ctc aat ggt      288
134 Asp Ala Gly Asp Tyr Tyr Cys Ala Thr Trp Asp Asp Gly Leu Asn Gly
135     85          90          95
137 ccg gtg ttc ggc gga ggg acc aag ctg acc gtc cta agt cag ccc      333
138 Pro Val Phe Gly Gly Thr Lys Leu Thr Val Leu Ser Gln Pro
139     100         105         110

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 PATENT APPLICATION: US/09/424,840 TIME: 20:03:59

Input Set : A:\Pto.amc
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144 <212> TYPE: PRT
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147 <400> SEQUENCE: 4
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150   20          25           30
151 Thr Ile Ser Cys Ser Gly Ser Ser Asn Ile Arg Ser Asn Pro Val
152   35          40           45
153 Ser Trp Tyr His Gln Val Pro Gly Thr Ala Pro Lys Leu Leu Ile Phe
154   50          55           60
155 Gly Ser His Gln Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser
156   65          70           75           80
157 Lys Ser Gly Thr Ser Ala Ser Leu Ala Ile Arg Gly Leu Gln Ser Gly
158   85          90           95
159 Asp Ala Gly Asp Tyr Tyr Cys Ala Thr Trp Asp Asp Gly Leu Asn Gly
160   100         105          110
161 <210> SEQ ID NO: 5
162 <211> LENGTH: 369
163 <212> TYPE: DNA
164 <213> ORGANISM: Homo sapiens
165 <220> FEATURE:
166 <221> NAME/KEY: CDS
167 <222> LOCATION: (1)..(369)
168 <400> SEQUENCE: 5
169 cag gtg aaa ctg ctc gag tct ggg gga ggc gtg gtc cag cct ggg agg 48
170 Gln Val Lys Leu Leu Glu Ser Gly Gly Val Val Gln Pro Gly Arg
171   1           5           10          15
172   20          25           30
173 tcc ctg aga ctc tcc tgt gca gcc tct gga ttc acc ttc agt agc tat 96
174 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
175   35          40           45
176   50          55           60
177 gct atg cac tgg gtc cgc cag gct cca ggc aag ggg ctg gag tgg gtg 144
178 Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
179   65          70           75           80
180   85          90           95
181 aag ggc cga ttc gcc atc tcc aga gac aat tcc aag aac acg ctg tat 240
182 Lys Gly Arg Phe Ala Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
183   95
184 ctg caa atg aac agc ctg aga gct gag gac acg gct gtg tat tac tgt 288
185 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
186   100         105          110
187 tgg ggc aaa ggg acc acg gtc acc gtc tcc tca 369
  
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RAW SEQUENCE LISTING
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215 <211> LENGTH: 123
216 <212> TYPE: PRT
217 <213> ORGANISM: Homo sapiens
219 <400> SEQUENCE: 6
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224      20          25          30
226 Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
227      35          40          45
229 Ala Val Ile Ser Tyr Asp Gly Ser Asn Lys Tyr Tyr Ala Asp Ser Val
230      50          55          60
232 Lys Gly Arg Phe Ala Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
233      65          70          75          80
235 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
236      85          90          95
238 Ala Arg Ala Leu Gly Ser Trp Gly Gly Trp Asp His Tyr Met Asp Val
239      100         105         110
241 Trp Gly Lys Gly Thr Thr Val Thr Val Ser Ser
242      115         120
246 <210> SEQ ID NO: 7
247 <211> LENGTH: 333
248 <212> TYPE: DNA
249 <213> ORGANISM: Homo sapiens
251 <220> FEATURE:
252 <221> NAME/KEY: CDS
253 <222> LOCATION: (1)..(333)
255 <400> SEQUENCE: 7
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258      1          5          10          15
261 acc atc tct tgt tct gga agc agc tcc aac atc gga agt aat act gta 96
262 Thr Ile Ser Cys Ser Gly Ser Ser Asn Ile Gly Ser Asn Thr Val
263      20          25          30
265 aac tgg tac cag cag ctc cca gga acg gcc ccc aaa ctc ctc atc tat 144
266 Asn Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Ile Tyr
267      35          40          45
269 agt aat aat cag cgg ccc tca ggg gtc cct gac cga ttc tct ggc tcc 192
270 Ser Asn Asn Gln Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser
271      50          55          60
273 aag tct ggc acc tca gcc tcc ctg gcc atc agt ggg ctc cag tct gag 240
274 Lys Ser Gly Thr Ser Ala Ser Leu Ala Ile Ser Gly Leu Gln Ser Glu
275      65          70          75          80
277 gat gag gct gat tat tac tgt gca gca tgg gat gac agc ctg aat ggt 288
278 Asp Glu Ala Asp Tyr Tyr Cys Ala Ala Trp Asp Asp Ser Leu Asn Gly
279      85          90          95
  
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Input Set : A:\Pto.amc
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281 tgg gtg ttc ggc gga ggg acc aag ctg acc gtc cta ggt cag ccc      333
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283      100          105          110 .
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287 <211> LENGTH: 111
288 <212> TYPE: PRT
289 <213> ORGANISM: Homo sapiens
291 <400> SEQUENCE: 8
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293      1           5           10          15
295 Thr Ile Ser Cys Ser Ser Ser Asn Ile Gly Ser Asn Thr Val
296      20          25          30
298 Asn Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile Tyr
299      35          40          45
301 Ser Asn Asn Gln Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser
302      50          55          60
304 Lys Ser Gly Thr Ser Ala Ser Leu Ala Ile Ser Gly Leu Gln Ser Glu
305      65          70          75          80
307 Asp Glu Ala Asp Tyr Tyr Cys Ala Ala Trp Asp Asp Ser Leu Asn Gly
308      85          90          95
310 Trp Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly Gln Pro
311      100         105         110
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316 <211> LENGTH: 369
317 <212> TYPE: DNA
318 <213> ORGANISM: Homo sapiens
320 <220> FEATURE:
321 <221> NAME/KEY: CDS
322 <222> LOCATION: (1)..(369)
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326 Gln Val Lys Leu Leu Glu Ser Gly Gly Leu Val His Pro Gly Gly
327      1           5           10          15
329 tcc ctg aga ctc tct tgt gca gcc tct gga ttt acg ttt gac aac ttt      96
330 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Asp Asn Phe
331      20          25          30
333 gcc atg agc tgg gtc cgc cag gct cca ggg aag ggg ctg gag tgg gtc      144
334 Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
335      35          40          45
337 tca ggc att agt ggt ggt ggt ctt ttg aca cac tac gca gac tcc gtg      192
338 Ser Gly Ile Ser Gly Gly Gly Leu Leu Thr His Tyr Ala Asp Ser Val
339      50          55          60
341 aag ggc cgg ttc acc atc tcc aga aac aat tcc agg aac act gta tac      240
342 Lys Gly Arg Phe Thr Ile Ser Arg Asn Asn Ser Arg Asn Thr Val Tyr
343      65          70          75          80
345 cta caa atg aac agc ctg aga gcc gaa gac acg gcc gtg tat tat tgt      288
346 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
347      85          90          95
349 gtg aga gat ctg ggc tat aga gta ctt tcg act ttt act ttt gat atc      336

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VERIFICATION SUMMARY DATE: 07/06/2000
PATENT APPLICATION: US/09/424,840 TIME: 20:04:00

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Output Set: N:\CRF3\07062000\I424840.raw